

Even Number:

```
#!/bin/bash
echo "Enter a number : "
read num
echo "Your even number is: "
for((i=1;i<=num;i++))
do
out=$(( $i % 2 ))
if [ $out -eq 0 ]
then
echo $i
fi
done
```

```
Enter a number :
10
Your even number is:
2
4
6
8
10
```

Sumation:

```
#!/bin/bash
echo "Enter number: "
read num
sum=0
for ((i=1;i<=num;i++))
do
sum=$((sum+i))
done
echo "Sumation : $sum"
```

Reverse string:

```
#!/bin/bash
echo "Enter string: "
read str
echo "My reverse string is: "
echo $str | rev
```

Enter number:

```
10
Sumation : 55
```

```
Enter string:
israt
My reverse string is:
tarsi
```

Number of char ,space word:

```
#!/bin/bash
echo "Enter a string"
read str
echo "Numebr of char: "
echo -n $str | wc -c
echo "Number of white space : "
echo grep -o "" <<< $str | wc -w
echo "Number of word: "
echo -n $str | wc -w
```

```
Enter a string
israt iza
Numebr of char:
08
Number of white space :
01
Number of word:
01
```

Student Grade:

```
read -p "Please enter number of subject: " num
```

```
if [ $num -gt 60 ]
then
echo "First Division"
elif [ $num -le 60 && $num -gt 50 ]
then
echo "Second Divison"
elif [ $num -le 50 && $num -gt 40 ]
then
echo "Thid Division"
else
echo "Fail"
fi
```

```
Please enter number of subject: 70
First Division
```

Shell comand using grep:

```
root@ubuntu:~# cat /proc/cpuinfo | grep 'vendor' | uniq
vendor_id      : GenuineIntel
root@ubuntu:~# cat /proc/cpuinfo | grep 'model name' | uniq
model name     : Intel(R) Core(TM) i5-7200U CPU @ 2.50GHz
root@ubuntu:~# cat /proc/cpuinfo | grep processor | wc -l
4
root@ubuntu:~# cat /proc/cpuinfo | grep 'core id'
```

```
core id        : 0
core id        : 1
core id        : 0
core id        : 1
```

1. Write a shell
2. Write a shell user.
3. Write a shell
4. Write a shell
5. The marks o
The student
greater than